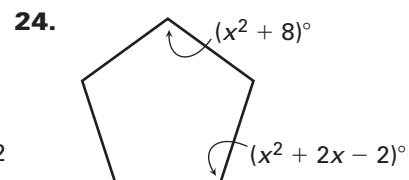
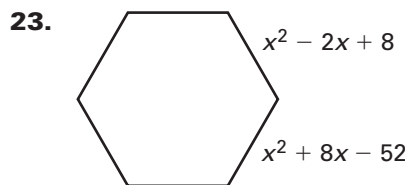
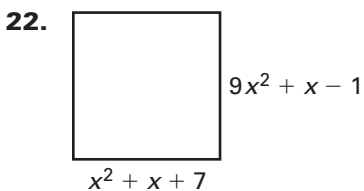
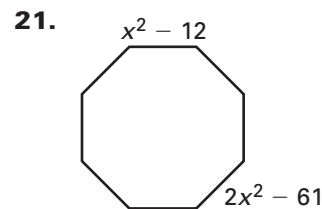
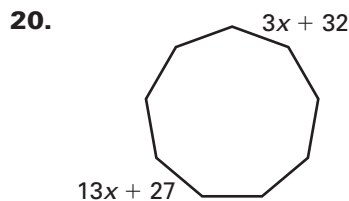
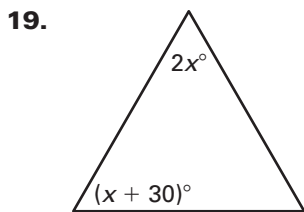
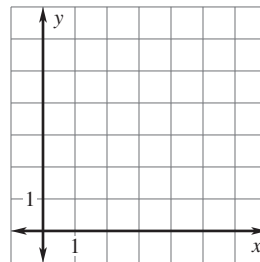


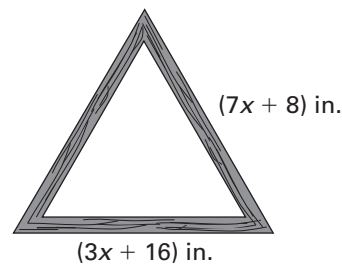
LESSON
1.6**Practice B** *continued*
For use with pages 42–47**Each figure is a regular polygon. Find the value of x .**

25. The vertices of a figure are given below. Plot and connect the points so that they form a convex polygon. Classify the figure. Then show that the figure is equilateral using algebra.

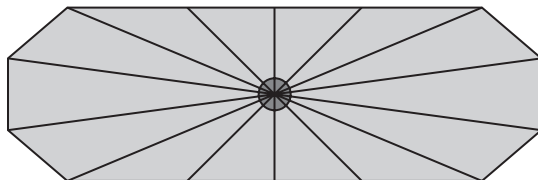
$$A(3, 0), B(3, 6), C(2, 3), D(4, 3)$$



26. **Picture frames** A picture frame with a wooden border is a regular triangle, as shown. You want to decorate the frame by wrapping a ribbon around it. How many feet of ribbon are needed to wrap the ribbon around the border one time?



27. **Parachutes** The canopy of a parachute is shown in the diagram.



- Is the shape of the canopy a *convex* or *concave* polygon?
- Classify the polygon by the number of sides. Then use a ruler and a protractor to determine whether the figure is equilateral, equiangular, or regular.
- Determine the number of lines of symmetry in the canopy. How does this differ from a regular octagon?